RAW SEQUENCE LISTING

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Application Serial Number: _____ 10/577,827 _____
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IFWP

RAW SEQUENCE LISTING   DATE: 05/11/2006
PATENT APPLICATION: US/10/577,827   TIME: 11:06:08

Input Set : A:\BY0033.Seq.txt
Output Set: N:\CRF4\05112006\J577827.raw

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     4 <110> APPLICANT: Koga, Kazumi
     5        Ozaki, Satoshi
     6        Ichikawa, Daisuke
     7        Nambu, Hirohide
     8        Azuma, Tomoko
     9        Sakai, Naoko
    10        Kawagoe, Hiroko
    11        Ohta, Hisashi
    13 <120> TITLE OF INVENTION: SIMIAN ORL1 GENE AND METHOD OF ASSESSING COMPOUND
    15 <130> FILE REFERENCE: BY0033
C-->18 <140> CURRENT APPLICATION NUMBER: US/10/577,827
C-->18 <141> CURRENT FILING DATE: 2006-05-01
    18 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/016552
    19 <151> PRIOR FILING DATE: 2004-11-08
    21 <150> PRIOR APPLICATION NUMBER: JP2003-377006
    22 <151> PRIOR FILING DATE: 2003-11-06
    24 <160> NUMBER OF SEQ ID NOS: 5
    26 <170> SOFTWARE: PatentIn version 3.1
    28 <210> SEQ ID NO: 1
    29 <211> LENGTH: 1113
    30 <212> TYPE: DNA
    31 <213> ORGANISM: rhesus monkey
    33 <400> SEQUENCE: 1
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    36 aacctgtccc tcctcagtcc caaccacagt ctgctgcctc cgcatctgct gctcaatgcc   120
    38 agtcacagcg ccttcctgcc cctcgggctc aaggtcacca tcgtggggct ctacctggcc   180
    40 gtgtgtgtcg gggggctcct ggggaactgc ctcgtcatgt acgtcatcct caggcacacc   240
    42 aaaatgaaga cagccaccaa tatttacatc tttaacctgg ccctggcaga cactctggtc   300
    44 ctgctgacgc tgcccttcca gggcacagac atcctcctgg gcttctggcc gtttgggaat   360
    46 gccctgtgca agacagtcat tgccattgac tactacaaca tgttcaccag caccttcacc   420
    48 ctgactgcca tgagtgtgga tcgctacgta gccatctgcc accccatccg cgccctcgac   480
    50 gtccgcacat ccagcaaagc ccaggctgtc aatgtggcca tctgggccct ggcctctgtt   540
    52 gttggtgttc ctgttgccat catgggctcg gcacaggtcg aggatgaaga gatcgagtgc   600
    54 ctggtggaga tccctgcccc acaggactac tggggccctg tgtttgccgt ctgcatcttc   660
    56 ctcttctcct tcatcgtccc cgtgctcatc atctccgtct gctacagcct catgatccgg   720
    58 aggctccgcg gagtccgcct gctctcgggc tcccgggaga aggaccggaa cctgcggcgc   780
    60 atcactcggc tggtgctggt ggtggtggct gtgttcgtgg gctgctggac gcctgtccag   840
    62 gtctttgtgc tggtccaagg gctgggagtg cagccaggca gcgagactgc cgtggccatt   900
    64 ctgcgtttct gcacggccct gggctacgtc aacagctgcc tcaaccccat cctctatgcc   960
    66 ttcctggatg agaacttcaa ggcctgcttc cgcaagttct gctgtgcctc tgccctgcgc  1020
    68 cgggaggtgc aggtgtccga ccgtgtgcgc agcattgcca agatgtggc cctggcctgc   1080
    70 aagacctctg agacggtacc gcggcccgcg tga                              1113
    73 <210> SEQ ID NO: 2
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74 <211> LENGTH: 370
75 <212> TYPE: PRT
76 <213> ORGANISM: rhesus monkey
78 <400> SEQUENCE: 2
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81 1               5                   10                  15
84 His Leu Gln Gly Asn Leu Ser Leu Leu Ser Pro Asn His Ser Leu Leu
85             20                  25                  30
88 Pro Pro His Leu Leu Leu Asn Ala Ser His Ser Ala Phe Leu Pro Leu
89         35                  40                  45
92 Gly Leu Lys Val Thr Ile Val Gly Leu Tyr Leu Ala Val Cys Val Gly
93     50                  55                  60
96 Gly Leu Leu Gly Asn Cys Leu Val Met Tyr Val Ile Leu Arg His Thr
97 65                  70                  75                  80
100 Lys Met Lys Thr Ala Thr Asn Ile Tyr Ile Phe Asn Leu Ala Leu Ala
101             85                  90                  95
104 Asp Thr Leu Val Leu Leu Thr Leu Pro Phe Gln Gly Thr Asp Ile Leu
105             100                 105                 110
108 Leu Gly Phe Trp Pro Phe Gly Asn Ala Leu Cys Lys Thr Val Ile Ala
109         115                 120                 125
112 Ile Asp Tyr Tyr Asn Met Phe Thr Ser Thr Phe Thr Leu Thr Ala Met
113     130                 135                 140
116 Ser Val Asp Arg Tyr Val Ala Ile Cys His Pro Ile Arg Ala Leu Asp
117 145                 150                 155                 160
120 Val Arg Thr Ser Ser Lys Ala Gln Ala Val Asn Val Ala Ile Trp Ala
121                 165                 170                 175
124 Leu Ala Ser Val Val Gly Val Pro Val Ala Ile Met Gly Ser Ala Gln
125         180                 185                 190
128 Val Glu Asp Glu Glu Ile Glu Cys Leu Val Glu Ile Pro Ala Pro Gln
129         195                 200                 205
132 Asp Tyr Trp Gly Pro Val Phe Ala Val Cys Ile Phe Leu Phe Ser Phe
133     210                 215                 220
136 Ile Val Pro Val Leu Ile Ile Ser Val Cys Tyr Ser Leu Met Ile Arg
137 225                 230                 235                 240
140 Arg Leu Arg Gly Val Arg Leu Leu Ser Gly Ser Arg Glu Lys Asp Arg
141             245                 250                 255
144 Asn Leu Arg Arg Ile Thr Arg Leu Val Leu Val Val Val Ala Val Phe
145             260                 265                 270
148 Val Gly Cys Trp Thr Pro Val Gln Val Phe Val Leu Val Gln Gly Leu
149         275                 280                 285
152 Gly Val Gln Pro Gly Ser Glu Thr Ala Val Ala Ile Leu Arg Phe Cys
153     290                 295                 300
156 Thr Ala Leu Gly Tyr Val Asn Ser Cys Leu Asn Pro Ile Leu Tyr Ala
157 305                 310                 315                 320
160 Phe Leu Asp Glu Asn Phe Lys Ala Cys Phe Arg Lys Phe Cys Cys Ala
161             325                 330                 335
164 Ser Ala Leu Arg Arg Glu Val Gln Val Ser Asp Arg Val Arg Ser Ile
165             340                 345                 350
168 Ala Lys Asp Val Ala Leu Ala Cys Lys Thr Ser Glu Thr Val Pro Arg
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169        355                    360                    365
172 Pro Ala
173        370
176 <210> SEQ ID NO: 3
177 <211> LENGTH: 370
178 <212> TYPE: PRT
179 <213> ORGANISM: homo sapiens
181 <400> SEQUENCE: 3
183 Met Glu Pro Leu Phe Pro Ala Pro Phe Trp Glu Val Ile Tyr Gly Ser
184 1               5                   10                  15
187 His Leu Gln Gly Asn Leu Ser Leu Leu Ser Pro Asn His Ser Leu Leu
188            20                  25                  30
191 Pro Pro His Leu Leu Leu Asn Ala Ser His Gly Ala Phe Leu Pro Leu
192            35                  40                  45
195 Gly Leu Lys Val Thr Ile Val Gly Leu Tyr Leu Ala Val Cys Val Gly
196        50                  55                  60
199 Gly Leu Leu Gly Asn Cys Leu Val Met Tyr Val Ile Leu Arg His Thr
200 65                  70                  75                  80
203 Lys Met Lys Thr Ala Thr Asn Ile Tyr Ile Phe Asn Leu Ala Leu Ala
204            85                  90                  95
207 Asp Thr Leu Val Leu Leu Thr Leu Pro Phe Gln Gly Thr Asp Ile Leu
208            100                 105                 110
211 Leu Gly Phe Trp Pro Phe Gly Asn Ala Leu Cys Lys Thr Val Ile Ala
212            115                 120                 125
215 Ile Asp Tyr Tyr Asn Met Phe Thr Ser Thr Phe Thr Leu Thr Ala Met
216        130                 135                 140
219 Ser Val Asp Arg Tyr Val Ala Ile Cys His Pro Ile Arg Ala Leu Asp
220 145                 150                 155                 160
223 Val Arg Thr Ser Ser Lys Ala Gln Ala Val Asn Val Ala Ile Trp Ala
224            165                 170                 175
227 Leu Ala Ser Val Val Gly Val Pro Val Ala Ile Met Gly Ser Ala Gln
228            180                 185                 190
231 Val Glu Asp Glu Glu Ile Glu Cys Leu Val Glu Ile Pro Thr Pro Gln
232            195                 200                 205
235 Asp Tyr Trp Gly Pro Val Phe Ala Ile Cys Ile Phe Leu Phe Ser Phe
236        210                 215                 220
239 Ile Val Pro Val Leu Val Ile Ser Val Cys Tyr Ser Leu Met Ile Arg
240 225                 230                 235                 240
243 Arg Leu Arg Gly Val Arg Leu Leu Ser Gly Ser Arg Glu Lys Asp Arg
244            245                 250                 255
247 Asn Leu Arg Arg Ile Thr Arg Leu Val Leu Val Val Val Ala Val Phe
248            260                 265                 270
251 Val Gly Cys Trp Thr Pro Val Gln Val Phe Val Leu Ala Gln Gly Leu
252            275                 280                 285
255 Gly Val Gln Pro Ser Ser Glu Thr Ala Val Ala Ile Leu Arg Phe Cys
256        290                 295                 300
259 Thr Ala Leu Gly Tyr Val Asn Ser Cys Leu Asn Pro Ile Leu Tyr Ala
260 305                 310                 315                 320
263 Phe Leu Asp Glu Asn Phe Lys Ala Cys Phe Arg Lys Phe Cys Cys Ala
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```
264                 325             330             335
267 Ser Ala Leu Arg Arg Asp Val Gln Val Ser Asp Arg Val Arg Ser Ile
268             340             345             350
271 Ala Lys Asp Val Ala Leu Ala Cys Lys Thr Ser Glu Thr Val Pro Arg
272         355             360             365
275 Pro Ala
276     370
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280 <211> LENGTH: 21
281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: synthetic oligonucleotide
287 <400> SEQUENCE: 4
288 taccgtacag agtggatttg c                                    21
291 <210> SEQ ID NO: 5
292 <211> LENGTH: 17
293 <212> TYPE: DNA
294 <213> ORGANISM: Artificial sequence
296 <220> FEATURE:
297 <223> OTHER INFORMATION: synthetic oligonucleotide
299 <400> SEQUENCE: 5
300 acgggtacca cggacag                                         17
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VERIFICATION SUMMARY   DATE: 05/11/2006
PATENT APPLICATION: **US/10/577,827**   TIME: 11:06:09

Input Set : **A:\BY0033.Seq.txt**
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L:18 M:270 C: Current Application Number differs, Replaced Current Application No
L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date